

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	CANALI-MASSIMO.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:50
L2	11	MUSSINI-MARCO.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:51
L3	11	VOLONTE-STEFANO.IN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:00
L5	64957	((("709"/((200,223-224,230,246). ccls.) or (370/254.ccls.)) and @ad<"20030523"	US-PGPUB; USPAT	OR	ON	2006/01/04 18:02
L8	82	5 and (convert\$3 or translat\$3 or map\$4 or transform\$3) with (various or different or number or variety or plurality) near2 (protocols) and (network near3 manag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:15
L10	2	5 and independent adj protocol\$1! same ((network adj management) or NMS)	US-PGPUB; USPAT	OR	ON	2006/01/04 18:15
S1	5	(generic adj protocol) same (network adj element\$1!) same (network adj manager\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:06
S6	4	gee with ken.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:40
S7	80	API near10 protocol\$1! near5 independ\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:41
S9	63	S7 and @ad<"20030323"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:57

S10	0	S9 and (element adj manag\$3) same (network adj manag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:58
S11	0	S9 and (element adj manag\$5) and (network adj manag\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 12:58
S12	30	S9 and (network near3 manag\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:25
S13	11	network adj manager\$1! same network adj element\$1! same ((common or generic or independent) near4 (API or interface))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:35
S14	4	COBRA near4 gateway	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 13:28
S15	1	network adj manager\$1! same network adj element\$1! same ((common or generic or independent) near10 (API))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 17:11
S16	0	(network adj manager\$1!) same (network adj element\$1!) same (abstract\$4 near2 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/21 17:12
S17	2	(network adj manager\$1!) same (network adj element\$1!)and (abstract\$5 near2 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 16:23
S18	47	COBRA ADJ3 INTERFACE	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 12:09
S19	3	CORBA adj strategy adj gateway adj interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 16:33

S20	4	CORBA adj2 gateway adj interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/23 16:33
S25	60	CORBA near3 interface same (CMIP same SNMP xMI)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/29 18:53
S26	46	S25 and @ad<"20030523"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/29 19:02
S27	12	S26 and ((element or network) adj2 (management))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/29 19:03
S28	1	(function\$1! or operation\$1 or method\$11) near7 (defin\$3 near10 in near10 corba near5 interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:02
S29	67	(function\$1! or operation\$1 or method\$11) near7 (defin\$3 near20 corba near10 interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:03
S30	57	S29 and @ad<"20030523"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 14:42
S35	19	(creat\$3 or generat\$3 or defin\$3) near5 interface\$1! same (check\$3 or determin\$3) near4 (process\$2 or functions) with protocol	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 14:56
S36	13	creat\$3 adj5 (corba adj4 interface\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 15:35
S37	0	component-oriented adj NMS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 15:40

S41	200	network adj3 management with (various or different or number or variety or plurality) near2 (protocols)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 18:02
S42	160	S41 and @ad<"20030523"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 17:29
S43	1	(CORBAIDL or (CORBA adj IDL)) with xML with command\$1!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 17:32
S44	1	(CORBAIDL or (CORBA adj IDL)) same xML with command\$1!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 17:32
S45	3	(CORBAIDL or (CORBA adj IDL)) and xML with command\$1!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 17:33
S46	13	(CORBAIDL or (CORBA adj IDL)) with xML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 13:54
S47	1	"venice.idl"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:06
S48	1	check\$3 adj6 operation\$1! near10 ((single or each) near2 (protocol\$1!))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:08
S50	2	determin\$3 near20 operation\$1! near20 ((single or each) near2 (protocol\$1!))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:09
S51	5	identif\$4 near20 operation\$1! near20 ((single or each) near2 (protocol\$1!))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 14:09

S57	113	syntax with IDL	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 17:22
S59	2	syntax with IDL same management adj protocol\$1!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 17:22
S60	10	creat\$3 near5 protocol-independent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 17:39
S61	1	check\$3 near20 operation\$1! near20 ((single or each) near2 (protocol\$1!))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:21
S62	0	(check\$3 or identify\$3 or determin\$3) adj7 (method\$1! or function\$1! or operation\$1!) near20 (each or every or single) adj2 (manag\$3 adj3 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:22
S63	0	(check\$3 or identify\$3 or determin\$3) adj7 (method\$1! or function\$1! or operation\$1!) near20 (each or every or single) with (manag\$3 adj3 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:23
S64	0	(check\$3 or identify\$3 or determin\$3) adj7 (method\$1! or function\$1! or operation\$1!)same(each or every or single) with (manag\$3 adj3 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:23
S65	21	(check\$3 or identify\$3 or determin\$3) adj7 (method\$1! or function\$1! or operation\$1!) and (each or every or single) with (manag\$3 adj3 protocol\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:59
S66	1	CORBA adj IDL with xML adj command\$1!	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:39
S67	1	CORBA adj IDL same xML adj (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:39

S68	0	CORBAIDL same xML adj (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:39
S69	1	CORBA with IDL same xML adj (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:39
S70	1	CORBA same IDL same xML adj (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:39
S71	1	CORBA same IDL same xML with (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:40
S72	2	IDL same xML with (parameter\$1! or command\$1!)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:58
S73	9	generic adj get with set	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/02 18:58
S74	6	CMIP same IDL with xML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:20
S75	6	CMIP same IDL same xML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/03 19:20
S76	26	CMIP same xML	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:36
S77	2	interface with nms with ems.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:18

S78	804	interface with conversion.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:55
S79	21	interface with conversion with management.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 17:59

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<input type="checkbox"/> 1.	<u>Cisco shines up storage router</u> , April 15, 2002, Computer News Fulltext (File 674)	\$2.45
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<input type="checkbox"/> 3.	<u>Data communications system for the state of Nordrhein-Westfalen</u> , June 1989, INSPEC (File 2)	\$3.14
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3. 2/9/3 (Item 3 from file: 2) DIALOG(R)File 2:INSPEC (c) 2005 Institution of Electrical Engineers. All rights reserved.
04442476 INSPEC Abstract Number: B89057137, C89055852
Title: Data communications system for the state of Nordrhein-Westfalen
Author Kohler, W.
Author Affiliation: Landesamt fur Datenverarbeitung und Stat. Nordrhein-Westfalen, Dusseldorf, West Germany
Journal: Computer Communications vol.12, no.3 p. 167-70

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Language: English **Document Type:** Journal Paper (JP)

Treatment: Practical (P)

Abstract: The common data communications system for the German federal state of Nordrhein-Westfalen has been established to provide communications between different vendors' computers within the state administration. The system uses manufacturer- **independent protocols** such as X.25 (Layer 3), EHKP4 as the transport protocol (Layer 4), and protocols for file transfer and dialogue (line-mode). **Network management** facilities, and a centre for testing services, protocols and interfaces are in operation. The virtual terminal protocol is described in some detail, as the service has only recently been developed. (9 Refs)

Subfile: B C

Descriptors: computer networks; data communication systems; protocols; standards

Identifiers: data communication system; German federal state of Nordrhein-Westfalen; manufacturer-independent protocols; X.25; Layer 3; EHKP4; transport protocol; Layer 4; file transfer; virtual terminal protocol

Class Codes: B6210L (Computer communications); C5620 (Computer networks and techniques)

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